Model 4120
120KVDC DIELECTRIC STRENGTH TESTER

PULSE WIDTH MODULATION (PWM) TECHNOLOGY

Featuring the latest in pulse width modulation technology, the Model 4120 employs a high frequency power source and voltage/current feedback circuits to product a stable, high voltage output with low ripple. A front panel feature, unique to the Model 4120 allows the operator to test Metal Oxide Arresters quickly and accurately. Another feature that is as unique as it is useful is a high-voltage dc microammeter use to test leakage currents on the high-voltage side of the insulation testing circuit.

FEATURES

- Pulse width Modulation (PWM) technology
- Stable, high-precision voltage adjustment
- Comprehensive nanosecond threshold protection
- Unique Metal oxide test function
- Adjustable overvoltage protection feature
- Current limiting resistor for capacitive load testing
- Shielded HV microammeter accessory
- Shorting rod for grounding output after testing

SPECIFICATIONS

Output Voltage: 0 to 120kVDC

Rated Output Current: 0-5mADC

Power: 360 watts

Output Voltage Accuracy: ±1% of reading +2 digits

Output Current Accuracy: ±1% of reading +2 digits

Ripple Factor: ≤0.5%

Working Mode: Intermittent use, 30 minutes under fully rated load

Over Voltage: No-load voltage can exceed rated output by 10% for 10 minutes

Over Current: Maximum charge current is 1.25 times the rated output

Operating environment: 14°F to 104°F, ≤85% RH under 77°F non-condensing

Weight: Control Cabinet 14.25lbs, Output cylinder 20lbs

Amblyonix Model 4120 Dielectric Strength Tester

ORDERING INFORMATION

Amblyonix Model 4120 Dielectric Strength Tester, supplied with Control Cabinet, High Voltage Cylinder in a rugged roll-around carrying case, Interconnecting Cable, High Voltage Cable, HV Microammeter, Current Limiting Resistor, Ground Cable, Discharge Rod, Power Cord, Spare Fuse, Line Cord and Manual.

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